

ACCESSION NR: AP4035695

cited. The temperature of this region was close to 30 000°K. Atomic lines and ionic lines of lower excitation energy were observed to originate in the peripheral region. These lines were also observed in absorption against the continuous spectrum of the jet as it issued from the mouth of the channel. The jet had a stable lamellar structure of alternately more and less strongly radiating regions. This is ascribed to hydrodynamic effects related to the supersonic flow. It is suggested that jets of the type described afford a convenient means for investigating radiation and recombination processes in highly ionized plasmas. Orig.art.has: 8 figures.

ASSOCIATION: Kirgizskiy gosudarstvennyy universitet (Kirgiz State University)

SUBMITTED: 03May63

DATE ACQ: 20May64

ENCL: 01

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NR REF Sov: 002

OTHER: 002

Card 2/3

ACCESSION NR: AP4035695

ENCLOSURE: 01

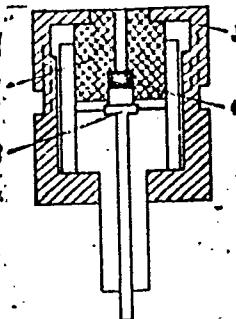


Fig. 1. Plasma jet source

1 - Textolite insert; 2 -
anode; 3 - metal housing;
4 - carbon plug.

Card 3/3

VEYTOVAN, P.G.; LERNER, A.S.; NEMENOV, V.K.

Automatic control of a compressor station. Avtom. i prib. no.2:
9-12 Ap-Je '63. (MIRA 18:8)

I. Ukrainskiy gosudarstvennyy proyektnyy institut stankostroitel'noy
promyshlennosti.

SEMEНОВ, Vladimir Konstantinovich; YEFREMов, Yuriy Mikhaylovich;
KEHNERIAN, Yakov Grulevich; TINYANYY, Viktor Grigor'yevich;
BASYUK, V.M., red.

[Improving the design of cranes] Usovershenstvovanie kon-
struktsii kranov. Kiev, Budivel'nyk, 1985. 80 p.
(MIRA 18:9)

SEmenov, V.L.

Regularities of variation in the quantity of migrating helminth
larvae in the animal organism. Trudy Gel'm. lab. 9:266-267 '59.
(MIRA 13:3)
(NEMATODA) (NERVOUS SYSTEM)

SEmenov, V. L.

"Influence of Coulomb Friction on the Accuracy of the Readings of Some Gyroscopic Instruments." Cand Tech Sci, Leningrad Inst of Precision Mechanics and Optics, Leningrad, 1954. (RZhMekh, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

AUTHOR: Semenov, V.M., Engineer SOV-135-58-10-7/19

TITLE: Electric Slag Welding of "20GS"-Steel (Elektroshlakovaya svarka stali 20GS)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 10, pp 21-23 (USSR)

ABSTRACT: Information is presented on the results of experimental investigations of electric slag welding of low-alloy "20GS" steel used for the production of large size hydro-turbine shafts for the Kuybyshev and Novosibirsk GES. Tests of forged and cast "20GS" steel proved that the strength of welded joints depends first on the silicon content and then on the carbon content in the seam metal. Strength increases with increased content of these components. Yield limits and toughness of the joint change is in proportion to the

Card 1/2

Electric Slag Welding of "20GS"-Steel

SOV-135-58-10-7/19

manganese content. It can be expected that due to its satisfactory weldability, "20GS-steel" can replace "35" steel used for welded-cast structures. There are 6 diagrams and 7 tables.

ASSOCIATION: Novo-Kramatorskiy mashinostroitel'nyy zavod (New Kramatorsk Machinebuilding Plant)

1. Steel--Welding 2. Arc welding--Applications 3. Welded joints
--Test results

Card 2/2

SEMENOV, VM

PHASE I BOOK EXPLOITATION

Sov/RB96

Moskovskiy dom nauchno-tehnicheskoy propagandy imeni
P. E. Brat'inskogoAvtomaticheskiye rotornyye liniyi - Sredstva kompleksnoj avtomatizatsii
proizvodstva. (Rotary-Transfer-Machine Lines). Translated from Russian
Automation of Production. Moscow, Naukizdat, 1980. 221 p. 10,000
copies printed.Ed.: L. N. Kosikina; Ed. of Publishing House: I. Vasil'yev; Tech.
Ed.: O. V. Smirnov; Managing Ed.: for Literature on Metallworking
and Machine-Tool Making; V. I. Mitin, Engineer.

PURPOSE: The book is intended for technical personnel in the machinery industry.

COVERAGE: This collection of articles explains the principles of full automation based on the use of rotary transfer machines in various industries.

The rotary operational transfer machines used for basic processing are discussed, and also the special power equipment and accessories for these machines and (Production) lines. No personalities are mentioned. There are no references.

Kosikina, L. M. Basic Problems in the Full Automation of
Product Manufacture

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Nedostoy, T. A. Installation and Working Principle of
Rotors for Inspection Operations

62

Kachkov, Yu. A. Rotors for Regular and "Hercetic" Coating

76

Mavroff, P. Ye. Dose of Loose and Liquid Materials in
Rotary Transfer Machine Lines

85

Orinberg, I. I. Rotors for Assembling and Packing

94

Ostrov, A. A. Rotors for Transfer and Feeding

108

PART II. SPECIAL POWER EQUIPMENT AND DEVICES FOR ROTARY
TRANSFER MACHINE LINES

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Andreyev, A. G. Mechanical Rotors

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Klimovskiy, V. V. Hydraulic Drives for Rotors

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Mal'mov, A. M. Electric Devices for Rotors [Used] for
Inspection Device Operations

148

Pedotov, M. A. High-Frequency Electric Equipment for
Rotors [Used] for Heat Treatment

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Zhermashchikov, V. M. Equipment for Rotors [Used] for
Thermomechanical Processing

177

PART III. SPECIAL ROTARY TRANSFER MACHINE LINES

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Semenov, V. M. Automated Multiproduct Rotary Transfer
Machine Line for Manufacturing of Plastic Articles

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Chagin, V. P. Assembly Line for 38 mm Pitch Roller
Chains, for Combines

196

Sokolov, V. S. Automatic Rotary-Transfer Machine Line for
the Manufacture of Welding Electrodes

209

AVAILABLE: Library of Congress (TJ1189.M6)

VK/DMW/OS
4/23/61

Card 2/2

Semenov, V.M.

AID P - 5453

Subject : USSR/Aeronautics - electronic computers

Card 1/1 Pub. 135 - 30/31

Authors : Semenov, V. M., Eng.-Lt.Col., Dr. of tech. sci. and
N. D. Samsonov, Eng.-Lt.Col., Cand. of tech. sci.

Title : Electronic computers for solving the bombing and the
aerial gunnery problems.

Periodical : Vest. vozd. flota, 1, 93-94, Ja 1957

Abstract : The authors on the basis of foreign literature describe
the principles of airborne electronic computers and their
use in bombing and in air battles.

Institution : None

Submitted : No date

LUNEV, I.S.; LEBEDINSKIY, A.P.; SEMEONOV, V.M.

Portable cathode ray oscillograph for the photorecording of
deformations and vibrations. Priborostroenie no.10:18-20 0
'56. (MLRA 9:12)
(Cathode ray oscillograph) (Strain gauges)

SEME NOV, V. M.

SEME NOV, V. M.--"Some Problems of the Theory and Calculation of Geared Pneumatic Engines." Acad Sci USSR. Inst of Mining. Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Science).

SO Knizhanay letopis'
No 2, 1956

SEMENOV, V.M.

Performance analysis of compressed air engines for mining machinery.
Ugol' 33 no.4:24-27 Ap '58. (MIRA 11:4)
(Coal mining machinery--Pneumatic driving)

KRAVCHENKO, V.S., doktor tekhn.nauk; OBRAZTSOV, A.P., kand.tekhn.nauk;
SEMENOV, V.M., kand.tekhn.nauk; KLEYMENOV, Ye.I., inzh.; TRIFONOVA,
M.G., inzh.

Use of high-frequency currents for unloading frozen ores. Zhel.dor.
transp. 42 no.11:63-64 N '60. (MIRA 13:11)

(Ore handling) (Induction heating)
(Railroads--Freight--Cold weather operations)

TEKHMISHCHYAN, Azat Vagramovich, kand. tekhn. nauk; TSETNARSKIY, Igor' Aleksandrovich, inzh.; KAZANSKIY, Anatoliy Sergeyevich, kand. tekhn. nauk; SEMENOV, Vladimir Mikhaylovich, kand. tekhn. nauk; KORABLEV, Anatoliy Aleksandrovich, kand. tekhn. nauk; SEMENOV, I.B., otv. red.; ABARBARCHUK, F.I., red. izd-va; IL'INSKAYA, G.M., tekhn. red.

[Mining machinery] Gornaja mekhanika. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 291 p. (MIRA 14:6)
(Coal mining machinery)

DOKUKIN, Aleksandr Viktorovich, prof., zasl. deyatel' nauki i tekhniki, doktor tekhn.nauk; SEMENOV, V.M., kand. tekhn. nauk; ZASADYCH, B.I., kand. tekhn.nauk; KORABLEV, A.A., kand. tekhn. nauk; NADION, M.F., otv. red.; D'YAKOVA, G.B., red. izd-va; MINSKER, I., tekhn. red.; PROZOROVSKAYA, V.L., tekhn. red.

[Use of compressed air in mining] Primenenie szhatogo vozdukha v gornoj promyshlennosti. Moskva, Gosgortekhizdat, 1962.
347 p. (MIRA 15:9)

(Mining engineering) (Compressed air)

SEmenov, V.M., kand.tekhn.nauk

Breaking oversized rocks containing chromium ores. Bor'ba s sil.
5:38-43 '62. (MIRA 16:5)

1. Institut gornogo dela imeni A.A.Skochinskogo.
(Chromium ores—Electric properties)

SEMELEV, V.M.

Cooperation between socialist countries in the field of the
development of chemical industries. Khim.prom. no.8:571-572
Ag '61. (MIRA 14:8)
(Chemical industries)

SEMENOV, V.M., kand.tekhn.nauk

Calculation of the operating characteristics of herringbone pneumatic drives for mining machines. Nauch. soob. Inst. gor. dela 4:109-115 '60.

(MIRA 15:1)

(Mining machinery--Pneumatic driving)

ARTEM'YEV, Yu.N., kand. tekhn. nauk; ASTVATSATUROV, G.G., inzh.; BARABANOV, V.Ye., inzh.; BARYKOV, G.A., inzh.; BISNOVATYY, S.I., inzh.; GALAYEVA, L.M., inzh.; GAL'PERIN, A.S., kand. tekhn. nauk; GAL'CHENKO, I.I., inzh.; GONCHAR, I.S., kand. tekhn. nauk; DEGTYAREV, I.L., kand. tekhn. nauk; DYADYUSHKO, V.P., inzh.; YERMAKOV, I.N., inzh.; ZHOTKEVICH, T.S., inzh.; ZUSMANOVICH, G.G., inzh.; KAZAKOV, V.K., inzh.; KOZLOV, A.M., inzh.; KOROLEV, N.A., inzh.; KRIVENKO, P.M., kand. tekhn. nauk; LAPITSKIY, M.A., inzh.; LEBEDEV, K.S., inzh.; LIBERMAN, A.R., inzh.; LIVSHITS, L.G., kand. tekhn. nauk; LOSEV, V.N., inzh.; LUKANOV, M.A., inzh.; LYUBCHENKO, A.N., inzh.; MAMEDOV, A.M., kand. tekhn. nauk; MATVEYEV, V.A., inzh.; ORANSKIY, N.N., inzh.; POLYACHENKO, A.V., kand. tekhn. nauk; POFOV, V.P., kand. tekhn. nauk; PUSTOVALOV, I.I., inzh.; PYTCHENKO, P.I., inzh.; PYATETSKIY, B.G., inzh.; RABOCHIY, L.G., kand. tekhn. nauk; ROL'BIN, Ye.M., inzh.; SELIVANOV, A.I., doktor tekhn. nauk; SEMENOV, V.M., inzh.; SKOROKHOD, I.I., inzh.; SLABODCHIKOV, V.I., inzh.; STORCHAK, I.M., inzh.; STRADYMOV, F.Ya., kand. tekhn. nauk; SUKHINA, N.V., inzh.; TIMOFEEV, N.D., inzh.; FEDOSOV, I.M., kand. tekhn. nauk; FILATOV, A.G., inzh.; KHODOV, L.P., inzh.; KHROMETSKIY, P.A., inzh.; TSVETKOV, V.S., inzh.; TSEYTLIN, B.Ye., inzh.; SHARAGIN, A.M., inzh.; CHISTYAKOV, V.D., inzh.; BUD'KO, V.A., red.; PESTRYAKOV, A.I., red.; GUREVICH, M.M., tekhn. red.

(Continued on next card)

ARTEM'YEV, Yu.N.--- (continued) Card 2.

[Manual on the repair of machinery and tractors] Spravochnik po remontu mashinno-traktornogo parka. Pod red. A.I.Selivanova. Moskva, Sel'khozizdat. Vols.1-2. 1962. (MIRA 15:6)
(Agricultural machinery—Maintenance and repair)
(Tractors—Maintenance and repair)

OKOROKOV, N.I.; BARANOV, V.V.; SEMENOV, V.M.; SHKOL'NIKOV, A.B.,
red.; GUREVICH, M.M., tekhn. red.

[Farm mechanization and electrification] Mekhanizatsiia i
elektrifikatsiia sel'skogo khoziaistva. Moskva, Sel'khoz-
izdat, 1962. 415 p. (MIRA 15:7)
(Farm mechanization) (Electricity in agriculture)

MANUKOVSKIY, N.F.; POLONETSKIY, S.D.; OREKHOV, N.I.; SYCHEV, A.F.;
BOLDYREV, M.D.; SEMELEV, V.M., nauchnyy red.; KRYUCHKOV,
V.L., red.; CHIRKOV, A.Ya., red.; PERSON, M.N., tekhn. red.

[Over-all mechanization of corn growing and harvesting] Kom-
pleksnaiia mekhanizatsiia vozdelyvaniia i uborki kukuruzy.
Moskva, Proftekhnizdat, 1962. 118 p. (MIRA 16:2)
(Corn (Maize)) (Farm mechanization)

SEMELEV, V.M.

Thirteenth Conference of the Permanent Commission on the
Chemical Industry of the Mutual Economic Assistance Council.
Khim.prom. no.10:776-777 0 '62. (MIRA 15:12)
(Berlin--Chemical industries--Congresses)

MURGIA-YELORSA, N.A., kand. sel'skokhoz. nauk; NECHITAYLO, I.P.; SEMENOV, V.M.

Preparation of manure-soil composts on narrow strips. Zemledelie 25
no.9:68-70 S '63. (MIRA 16:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii
sel'skogo khozyaystva.
(Compost)

SEMELEV, V. M., kand. tekhn. nauk

Study of the possibility of breaking rocks with high-frequency currents. Mekh. i avtom. v gornoj prom. no. 2:325-334 '62.
(MIRA 16:1)

(Electricity in mining)

RAZUMKOV, Diador Vadimovich; SEMENOV, Vadim Makarovich; PASHKOV,
V.N., nauchnyy red.; MEL'NIKOVA, G.P., red.; NES-YSLOVA,
L.M., tekhn. red.

[Exercises in traffic regulations]Uprazhnenija po pravilam
ulichnogo dvizhenija avtomototransporta. Moskva, Proftekh-
izdat, 1962. 127 p. (MIRA 15:9)
(Automobile drivers--Education and training)

SEMELEV, V. M.

Traktory i avtomobili; prakticheskie zaniatiia. [Tractors and automobiles;
practical studies]. Dopushcheno v kachestve uchebl posobija dlia tekhnikumov me-
khanizatsii sel'skogo khoziaistva. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1950.
295 p. illus. Bibliography: p. 291-[292].

DLC: TL233.S4

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

SELENOV, V. M.

SIMENOV, V.M., inzhener-mekhanik; SHIDAREV, I.M., redaktor; MOISSEYEN-KO, D.G., tekhnicheskiy redaktor.

[Laboratory and practical work in maintenance] Laborotorno-prakticheskie zaniatiia po remontnomu delu. Moskva, Gos. izd-vo sel'khoz. izt-ry, 1953. 302 p.
(Machinery--Maintenance and repair)

SKAMENOV, V. N.

Traktoren und kraftwagen, praktisches studium. Leipzig, Fachbuchverlag, 1954
223 p. Illus., Diagrs., Tables.
Translation from the Russian , Traktory i avtomobili, Prakticheskiye zanyatiya, Moscow,
1950.
"...Literatur": p. 223-(224)

SO: N/5
743.2
.S41

LIJNEV, I.S.; SILIN, A.A.; SEMENOV, V.M.

Dynamic load of the power transmission of the "Moskvich" automobile. Avt.trakt.prom. no.4:12-13 Ap '54. (MLRA 8:5)

1. Institut mashinovedeniya Akademii nauk SSSR, Moskovskiy zavod malolitrazhnykh avtomobiley.
(Automobiles--Transmission devices)

LUNEV, I.S.; SEMENOV, V.M.; KOROSTELEV, S.V.

Multistage transmission gear box with automatic drive for
autobuses. Avt.trakt.prom. no.11:27-30 N '54. (MLRA 8:1)
(Automobiles--Transmission devices)

SEMENOV, V.M., inzhener-mekhanik; GAVRILOV, F.P., redaktor; SEDMIGRADSKAYA,
V.D., tekhnicheskiy redaktor; BALLOD, A.I., tekhnicheskiy redaktor

[Practical laboratory work on tractors and automobiles] Laboratorno-
prakticheskie zaniatiia po traktoram i avtomobiliam. Izd. 2-e,
perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 319 p.
(Automobiles) (Tractors) (MLRA 8:8)

SEMELEV, V., inzhener

Tractor-drawn wagon. Prom.koop. no.7:41 J1'55. (MIRA 8:11)
(Carriage industry)

LUNEV, I.S., kandidat tekhnicheskikh nauk; SEMENOV, V.M.; KOROSTELEV, S.V.

Automatic gear shifting with the aid of electromagnetic clutches.
Avt. i trakt.prom. no.3:41-44 Mr '56. (MLRA 9:7)
(Automobiles--Clutches)

SEMELEV, V. M.

124-58-9-10574D

Translation from: Referativnyy zhurnal. Mekhanika, 1958, Nr 9, p 160 (USSR)

AUTHOR: Semenov, V. M.

TITLE: Investigation of Dynamic Loads in an Automotive Transmission
During Transient Motion (Issledovaniye dinamicheskogo nagru-
zheniya silovoy peredachi v momohilya pri neustanovivshemsya
rezhime dvizheniya)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree
of Candidate of Technical Sciences, presented to the Mosk.
vyssh. tekhn. uch.-shche im. N. E. Baumana (Moscow Technical
College im. N. E. Bauman), Moscow, 1958

ASSOCIATION: Mosk. vyssh. tekhn. uch.-shche im. N. E. Baumana (Moscow
Technical College im. N. E. Bauman), Moscow

1. Automobile industry--USSR 2. Transmissions--Stresses

Card 1/1

SEmenov, V. M.

"Torsional Arrangement of the Power Transmission of the Automobile."

report presented at the All-Union Sci. Tech. Congress on the Investigation of the
Actual Loads in the Assemblies and Parts of the Automobile, Moscow, 1-3 Apr 1958.

The author recommended the insertion of elastic rubber elements in the
section of active connection, and to design them with special absorbers for a
dampening of the torsional oscillation, to reduce the dynamic loads in the
transmission of the automobile.

SOV/113-58-11-8/16

AUTHORS: Semenov, V.M., Candidate of Technical Sciences, Knoroz, V.I.

TITLE: The Load on the Power Transmission of an Automobile During Motion Under Impassable Road Conditions (Nagruzheniya silovoy peredachi avtomobilya pri dvizhenii v usloviyakh bezdorozh'ya)

PERIODICAL: Avtomobil'naya promyshlennost', 1958, Nr 11, pp 27 - 30, (USSR)

ABSTRACT: The authors have studied the autovibrations of the torsional moment in the power transmission of trucks, including GAZ-51, ZIL-121, ZIL-121G, ZIL-150, ZIL-151, and MAZ-200. Oscillograms are given for the change of the torsional moment on the axle shafts of the GAZ-41 (fig. 1), summarized in table 1, and the drive shafts of the ZIL-121 G summarized in table 2. It is pointed out that the vibrations of the torsional moment in the transmission at gear shifting and starting differs in vehicles the friction faces of which are made of one and the same material. They are strongly marked in the GAZ-51 and

Card 1/2

SOV/113-58-11-8/16

The Load on the Power Transmission of an Automobile During Motion Under Impassable Road Conditions

weak in the ZIL-150 and MAZ-200. Partial wheel slipping during exploitation on impassable roads led to early breakdowns of parts of the transmission, e.g. in ZIL-151, the wheel disk pins fail very often within 30,000 to 50,000 km. Eight points are mentioned that especially affect the origin of the autovibrations of the torsional moment in the power transmission of an automobile. There are 2 sets of oscillograms, 2 tables, and 4 Soviet references.

ASSOCIATION: NAMI

Card 2/2

SEMELEV, V.M.; ARMADEROV, R.G.

Effect of the position of the driving axle on loads in the
transmission. Avt.prom. no.1:26-29 Ja '60.
(MIRA 13:5)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo
Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy
institut.
(Motortrucks--Transmission devices)

ARMADEROV, R.G.; SEMENOV, V.M., kand.tekhn.nauk

Reducing dynamic loads in transmissions of motortrucks. Avt.prom.
no.9:23-26 S '60. (MIRA 13:9)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni nauchno-
issledovatel'skiy avtomobil'nyy i avtomotornyy institut.
(Motortrucks--Transmission devices)

ARMADEROV, R.G.; SEMENOV, V.M., kand.tekhn.nauk

Possibility of using extra-wide lug-type tires for 4x4-type truck
tractors. Avt. prom. 27 no. 4:22-25 Ap '61. (MIRA 14:4)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni
nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.
(Trucks--Tires)

SEMENOV, V.M., kand.tekhn.nauk; ALIMADEROV, R.G.

Resistance to motion of the ZIL-150 motortruck with extra-wide lug
-type or regular tires. Avt.prom. 27 no.10:16-21 0 '61.(MIRA 14:10)

1. Nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy in-
stitut.
(Motortrucks—Dynamics)

SEMENOV, V.M., kand.tekhn.nauk; ARMADEROV, R.G., kand.tekhn.nauk

Determining the adhesive capacity factor of an elastic tire
on a deformable surface. Avt.prom. 28 no.10:13-16 O '62.
(MIRA 15:9)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni
nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.
(Tires, Rubber)

SEVENOV, Vadim Makarovich; ROZIN, M.A., red.; DEYEVA, V.M., tekhn.
red.

[Laboratory and practical training in repairing] Laboratorno-
prakticheskie zaniatiia po remontnomu delu. Izd.3., perer.
Moskva, Sel'khozizdat, 1962. 374 p. (MIRA 15:8)
(Agricultural machinery--Maintenance and repair)
(Tractors--Maintenance and repair)

SEMELEV, Vladimir Mitrofanovich; ARMADEROV, Rostislav Georgiyevich;
ILARIONOV, V.A., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Operation of trucks under difficult road conditions] Rabota
gruzovogo avtomobilia v tiazhelykh dorozhnykh usloviiakh.
Moskva, Avtotransizdat, 1962. 178 p. (MIRA 16:5)
(Motortrucks)

TOLOKNOV, O. A., kand. tekhn. nauk; BOCHAROV, N. F., kand. tekhn.
nauk; KRADINOV, Ye. B.; SEMENOV, V. M., kand. tekhn. nauk

Possible use of an electric drive in heavy automobile trains.
(MIRA 16:4)
Avt. prom. 28 no.6:29-32 Je '62.

1. Moskovskoye vyssheye tekhnicheskoye uchilishche im.
Baumana i Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo
Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy
institut.

(Automobile trains—Electric driving)

BOCHAROV, N.F., kand. tekhn. nauk; GUSEV, V.I., inzh.; KRADINOV, Ye.B.,
kand. tekhn. nauk; SEMENOV, V.M., kand. tekhn. nauk;
PETRUSHOV, V.A., kand. tekhn. nauk

Motor vehicles on flexible rollers. Izv. vys. ucheb. zav.;
mashinostr. no.10:89-103 '63. (MIRA 17:3)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni
Baumana i TSentral'nyy nauchno-issledovatel'skiy avtomoto-
bil'nyy i avtomotornyy institut.

ACCESSION NR: AP5001166

S/0113/64/OCO/010/0022/0025

AUTHORS: Bocharov, N. F. (Candidate of technical sciences); Gusev, V. I.; Makarov, S. G.; Semenov, V. M. (Candidate of technical sciences); Kradinov, Ye. B. (Candidate of technical sciences)

TITLE: Peculiarities of pneumatic roller rolling along a hard road and deformable soils

SOURCE: Avtomobil'naya promyshlennost', no. 10, 1964, 22-25

TOPIC TAGS: transportation, dynamic tire radius, road surface material, rolling radius/ I 220 roller, I 245 roller, Ya 194 roller

ABSTRACT: The results of a series of investigations of the mechanics of a pneumatic roller in contact with surfaces of various descriptions are presented. The rollers used were of types I-220, I-245, and Ya-194. The first series of tests was for measuring the radial deformation of the rollers under several loadings and for parametric values of pneumatic pressure. Account is made of stiffness of the rubber material in comparison with that of certain production tires. A constant velocity of travel was allowed for tests of variation of rolling radius with load and internal pressure; the results were plotted and compared for the different roller types. The

Card 1/2

ACCESSION NR: AP500166

work was related to theoretical equations developed by Ye. A. Chudakov (*Kachenye avtomobil'nogo kolesa*, Izd. AN SSSR, M., 1948). Rolling resistance was related to radial deflection and rolling radius, and these resistance forces were found to be in close agreement with Chudakov's hypotheses. Testing apparatus described by N. R. Bocharov, V. I. Gusev, and Ye. B. Kradinov (*Avtomobil'nye promyshlennosti*, 1963, No. 1) was used to measure dynamic radius under braking conditions, nearly free movement, and controlled movement. Sixteen circumferential points were measured with results plotted on an oscillogram. Rolling radius and dynamic radius were compared graphically for certain test parameters. The measurements are summarized, and the variations caused by the hardness of the road surface are noted. Orig. art. has: 5 equations and 5 figures.

ASSOCIATION: MVTU imeni Baumana, NAMI

ENCL: CO

SUBMITTED: OO

SUB CODE: GO, MT

NR REF Sov: 003

OTHER: 000

Card 2/2

L 51855-65 ACCESSION NR: AP5017109	EWT(m)/EW((d))/EWP(t)/EW(k)/EWP(b)/EWA(c) TITLE: Breaking up rock with high-frequency currents SOURCE: Stroitel'nyye materialy, no. 12, 1964, 9-11 TOPIC TAGS: structural mineral product, mining engineering, civil engineering	Pf-4 JD/HI UR/0228/64/00/012/0009/0011 M. M. 20 26
AUTHOR: Semenov, V. M. (Candidate of technical sciences); Chesnokov, M. M. (Candidate of technical sciences); Zekharov, Yu. N. (Engineer)		
ABSTRACT: It is shown that non-metallic rocks may be destroyed by hf currents. The rocks are broken up without flying splinters and dust. The method described may be used for quarrying and processing of non-metallic materials both in open-pit conditions and at road construction sites. Calculations show that the cost for breaking up the rock does not exceed 0.8 rub/m ³ when the capacity of the installation is 28-30 m ³ /shift. The capacity attained on laboratory conditions comes to approximately 40-50 m ³ /shift. It is hoped that an industrial installation may be built with a capacity of up to 100 m ³ /shift which would bring the cost of crushed rock down to about 30 krp/m ³ . Orig. art. has: 2 figures, 3 formulas, 2 graphs, 1 table.		
Card 1/2		

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001547820014-9

L 51855-65 ACCESSION NR: AP5017109 ASSOCIATION: none SUBMITTED: 00 NR REF Sov: 003	INCL: 00 (OTHER) 000	SUB CODE: MT GO JPRG	
Card 2/2			

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001547820014-9"

BOCHAROV, N.F., kand. tekhn. nauk; GUSEV, V.I.; MAKAROV, S.G.; SEMENOV, V.M.,
kand. tekhn. nauk; KRADINOV, Ye.B., kand. tekhn. nauk

Characteristics of the rolling of rubber-tired rolls on a hard
surface road and deformable grounds. Avt. prom. 30 no.10:22-25
O '64.
(MIRA 17:11)

1. Moskovskye vyssheye tekhnicheskoye uchilishche im. Baumana i
TSentral'nyy ordena Trudovogo Krasnogo Znameni nauchno-issledo-
vatel'skiy avtomobil'nyy i avtomotornyy institut.

SEMENOV, V.M., inzh. (Gor'kiy)

Shipping and forwarding services in a large railroad junction.
Zhel.dor.transp. 46 no.6:66-70 Ja '64. (MIRA 18:1)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001547820014-9

SEMENOV, V.M., kand.tekhn.nauk

Crushing rocks with high-frequency currents. Avt.dor. 28 nc.3:6-7
Mr '65. (MIRA 18:5)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001547820014-9"

DUBSKIIH, V.Ya., inzh.; SEMENOV, V.M., inzh.

Improved design of a gun for plasma-arc cutting. Svar.proizv.
no.12:38 D '65.
(MIRA 18:12)

BOCHAROV, N.F., kand. tekhn. nauk; GUSEV, V.I.; KRADINOV, Ye.B., kand. tekhn. nauk; MAKAROV, S.G.; SEMENOV, V.M., kand. tekhn. nauk

Torque distribution in the transmission of motor vehicles having several driving wheels with wide-lug tires. Avt. prom. 31 no.2: 14-17 F '65. (MIRA 18:3)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana i TSentral'nyy ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.

BOCHAROV, N.F., kand. tekhn. nauk; FILYUSHKIN, A.V., kand. tekhn. nauk;
SEMEJOV, V.M., kand. tekhn. nauk; PUGIN, P.P.

Testing tires with variable cord lays. Avt. prom. 31 no.8:32-33
Ag :65. (MIRA 18:8)

1. Mcskovskoye vyssheye tekhnicheskoye uchilishche imeni
Baumana i TSentral'nyy nauchno-issledovatel'skiy ordena
Trudovogo Krasnogo Znameni avtomobil'nyy i avtomotornyy
institut.

ARMADEROV, R.I., kand. tekhn. nauk; KRESTOVNIKOV, G.A.; SEMENOV, V.M.,
• tekhn. nauk

Determining operating conditions of the 6x6-type motortruck.
Avt. prom. 31 no.9:16-17 S '65. (MIRA 18:9)

1. TSentral'nyy nauchno-issledovatel'skiy ordena Trudovogo
Krasnogo Znameni avtomobil'nyy i avtomotornyy institut.

L 61412-65 EWT(d)/EWP(h)/EWP(1)

ACCESSION NR: AP5019108

UR/0286/65/000/012/0134/0135

AUTHORS: Afonin, A. N.; Yershova, G. I.; Ivanovskiy, K. Ye.; Ioffe, F. S.;
Komashenko, A. Kh.; Kon'kova, T. F.; Lipovetskiy, V. A.; Mel'nikov, V. V.;
Mishchenko, Yu. D.; Neverovich, A. M.; Paris-Revielle, A. A.; Preobrazhenskiy,
O. A.; Rikman, Yu. A.; Semenov, B. D.; Semenov, V. M.; Sukhanov, A. I.; Shchegolev,
R. G.; Yaguzhinsky, S. M.

TITLE: Transmission device of an overhead thrust conveyor. Class 81, No. 172231

SOURCE: Byulleten' izobreteniya i tovarnykh znakov, no. 12, 1965, 134-135

TOPIC TAGS: overhead conveyor, transmission, crane

ABSTRACT: This Author Certificate presents a transmission device of a suspended thrust conveyor. The device contains spring-supported vanes set in a rotary motion by a star wheel meshing with the drive chain of the conveyor (see Fig. 1 on the Enclosure). To prevent the possibility of wedging the carriage during its transport, the device is provided with a two-armed spring-supported lever. One of the arms serves as a stopper for the carriage, and the other one (provided with a roller) interacts with a circular template fixed on the star wheel. The template has openings for receiving the roller which frees the carriage from the stopper.
Card 1/3

L 61412-65

ACCESSION NR: AP5019108

Orig. art. has: 1 diagram.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut pod'yemno-transportnogo mashinostroyeniya (All-Union Scientific Research Institute of Hoisting and Conveying Machine Construction)

1/4 35

SUBMITTED: 12Aug63

EMCL: 01

SUB CODE: IR

NO REF Sov: 000

OTHER: 000

Card 2/3

L 00555-66

ACCESSION NR: AP5019517

UR/0145/65/000/006/0122/0126
621.317.783

8
B

AUTHORS: Bocharov, N. F. (Candidate of technical sciences, Docent); Semenov, V. M. (Candidate of technical Sciences); Lipgart, A. A. (Doctor of technical sciences, Professor)

TITLE: Effects of tires on nonuniform distribution of torques in the transmissions of multi-drive automobiles

SOURCE: IVUZ. Mashinostroyeniye, no. 6, 1965, 122-126

TOPIC TAGS: tire performance, power transmission, automobile power transmission, tire characteristic / I 245 tire, 4 x 4 tow vehicle

ABSTRACT: Effects of automobile acceleration (forward force P_a transmitted through tires) on the nonuniform distribution of torques in the transmission of multi-drive automobiles are considered. Since the rolling radii r_k^1 and r_k^2 of the front and rear wheel sets respectively are a function of normal loads Z_1 and Z_2 ($r_k^i = f(Z_i)$) which change with P_a ($Z = \phi(P_a)$) while the coefficient of circumferential elasticity λ' is a function of tangential force P_k^o

Card 1/4

L 00555-66

ACCESSION NR: AP5019517

$$\lambda'_1 = \frac{\Delta r_{k1}}{\Delta P_{k1}^0}, \quad \lambda'_2 = \frac{\Delta r_{k2}}{\Delta P_{k2}^0}$$

the final rolling radii can be expressed as

$$r'_{k1} = r''_{k1} - \lambda'_1 P_{k1}^0, \quad r'_{k2} = r''_{k2} - \lambda'_2 P_{k2}^0$$

(where P_{k1}^0 and P_{k2}^0 = tangential force at front and rear axles respectively).

Since $r_k = f(Z_k)$ is almost linear in the load region of interest while $\lambda' = \psi(z)$ is nonlinear, the difference in rolling radii (between front and back) causes non-uniform torque transmission and axle twist. These effects can be decreased or eliminated by providing proper nonlinear behavior of $r_k = f(Z_k)$ and $\lambda' = \psi(z_k)$ as shown for experimental tow vehicle 4 x 4 riding on I-245 tires in Fig. 1 on the Enclosure (see N. F. Bocharov, Raspredeleniye krutyashchikh momentov v transmissii mnogoprivodnykh kolesnykh mashin na tverdykh dorogakh, "Izvestiya vuzov. Mashinostroyeniye," 1964, No. 12 for derivation of these curves). The correct tire characteristics can be obtained by winding chords along "geodesic lines" (Patent USA k1 152-356, No. 3062258, submitted 03/17/59 and published 11/06/62). By proper chord winding combinations the nonlinear part of the radial tire characteristic can be moved to the right ($r_k = f(Z_k)$) while the circumferential

Card 2/4

100000-66

ACCESSION NR: AP5019517

characteristic can be moved up. Orig. art. has: 6 figures.

ASSOCIATION: MVTU

SUBMITTED: 22Feb65

ENCL: 01

0
SUB CODE: PR, IE

NO REF SOV: 001

OTHER: 001

Card 3/4

L 00555-66

ACCESSION NR: AP5019517

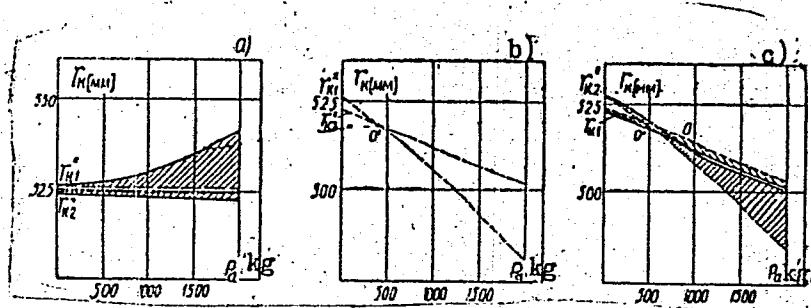
ENCLOSURE: 01
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Fig. 1.
 $r_{kl,2} = f(P_a)$ for tow vehicle 4 x 4 on I-245 tires: a- without effects of torque M_k ; b- without effects of Z_k ; c- including all effects

af
Card 4/4

(A) L 27454-66 EWT(m)/EWP(j)/T RM

ACC NR: AP5021520

SOURCE CODE: UR/0113/65/000/008/0032/0033

AUTHOR: Bocharov, N. F. (Candidate of technical sciences); Filyushkin, A. V. (Candidate of technical sciences); Semenov, V. M. (Candidate of technical sciences); Pugin, P. P.

ORG: MVTU im. Bauman; NAMI

TITLE: Tests of tires with a different number of cord layers

SOURCE: Avtomobil'naya promyshlennost', no. 8, 1965, 32-33

TOPIC TAGS: motor vehicle, vehicle tire, wear material, friction, test, test method, elasticity

ABSTRACT: In 1963 the MVTU im. Bauman carried out tests of 4-, 6-, 8-, and 10-ply OI-25 tires (size: 14.00-20) mounted on an Ural-375 automobile. To test the tires as simple drive units, the front and middle drives (6 x 2 tire arrangement) were disconnected. The tensiometric device consisted of an N-700 oscillograph, 8 ANCh-7M amplifier, and a PPT-100 semiconductor converter. The experiments recorded the driving torque on the wheels, the number of engine revolutions, stresses on the driving axle, the turns of the auxiliary (dynamometric) wheel, and the weight on the tires. Tests showed that peripheral and radial tire elasticity is substantially affected by the number of plies, air pressure, and the vertical load. Both types of elasticity influence to a considerable degree the rolling friction while moving on a firm road. The peripheral tire elasticity influences in an essential manner the nonuniform distribution of torques over the driving axles of automobiles with blocked power gear. Orig. art. has: 4 formulas and 4 figures.

Card 1/2

UDC: 629.11.012.5.001.5

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001547820014-9

L 27454-66

ACC NR: AP5021520

SUB CODE:13,20 SUBM DATE: none / ORIG REF: 005

Card 2/2 Jp

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001547820014-9"

1
ACC NR: AP6016319

(A)

SOURCE CODE: UR/0113/66/000/001/0014/0017

AUTHOR: Filyushkin, A. V. (Candidate of technical sciences); Bocharov, N. F. (Candidate of technical sciences); Semenov, V. M. (Candidate of technical sciences); Pugin, P. P.

ORG: MVTU imeni Bauman; NAMI

TITLE: The effect of kinematic chain arrangement in three-axle automotive vehicles on fuel consumption with respect to motion along a solid support surface

SOURCE: Avtomobil'naya promyshlennost', no. 1, 1966, 14-17

TOPIC TAGS: vehicle power transmission system, drive train, cargo truck, fuel consumption, highway vehicle data, automotive industry

ABSTRACT: The authors study the effect which the kinematic chain arrangement in three-axle automotive vehicles has on fuel consumption. Six types of kinematic arrangements are studied: 1. 6x6 with interlocked drive; 2. 6x6 with a differential drive; 3. 6x4 with an interlocked drive between the axle assemblies of the frame; 4. 6x4 with a differential drive between the frame axle arrangements; 5. 6x6 with a differential drive between the axle assemblies of the frame and interlocking drive to the front axle assembly; 6. 6x6 with an interlocked drive between the axle assemblies of the frame and a differential drive to the front axle assembly. Data are given from re-

Card 1/2

UDC: 629.115.3.001.5

L 45610-56
ACC NR: AP6016319

search done at the Moscow Higher Technical Academy by Baum in 1963-64 on determining the effect of kinematic chain type on fuel consumption. The test vehicle was the "Ural-375" truck equipped with an auxiliary symmetric interaxial differential with interlocking between the frame axle assemblies. The differential between the frame axle assemblies made it possible to achieve all six kinematic chain variants. All fuel consumption tests were done on 1-km test runs. Load and velocity were varied during testing. The 6x6 differential drive is the most economic from the standpoint of fuel consumption. Maximum fuel consumption was observed in the 6x4 axle arrangement with interlocking drive to the frame axle assemblies and free wheeling front axle. This vehicle consumed more fuel than a 6x6 axle arrangement with all interlocking drives. The results show that all further designs of three-axle automotive vehicles with a 6x4 axle arrangement should incorporate a differential drive between the frame axle assemblies. The maximum difference between the most economic and most wasteful drives for 6x6 axle arrangement vehicles is 10%. The use of 6x6 trucks as tractors exaggerates the fuel consumption difference even more. Orig. art. has: 4 figures, 2 tables.

SUB CODE: 13 / SUBM DATE: None / ORIG REF: 004

Record 2/2 mjs

ACC NR: AP7006718

(A)

SOURCE CODE: UR/0113/66/000/012/0029/0031

AUTHOR: Baranov, Ye. N.; Bocharov, N. F. (Candidate of technical sciences); Semenov,
V. M. (Candidate of technical sciences); Toloknov, O. A. (Candidate of technical
sciences); Boshnyak, V. A.; Makarov, S. G.; Boldarev, T. A.

ORG: MVTU im. Bauman; NAMI; Moscow Electric Machine Building Plant (Moskovskiy
elektromashinostroitel'nyy zavod)

TITLE: Design of a motorized wheel with electric drive for installation in pneumatic
tires on automotive vehicles

SOURCE: Avtomobil'naya promyshlennost', no. 12, 1966, 29-31

TOPIC TAGS: vehicle power transmission system, tire, vehicle engineering, drive train

ABSTRACT: The authors describe a motorized wheel developed in the "wheeled vehicles"
department of the Moscow Technical College im. Bauman for installation in the I-245
pneumatic tire. This tire is 1000 mm in diameter and 1000 mm wide with a 305 mm
mounting hole. A diagram of the motorized wheel is shown in the figure. The power
assembly of the unit is located inside the rim 1 of the tire which is a tube with
welded flanges. The power assembly consists of electric motor 2 and speed reducer 3.
A DI-33K DC electric traction motor is used with a power of 16 kw at 220 volts. The

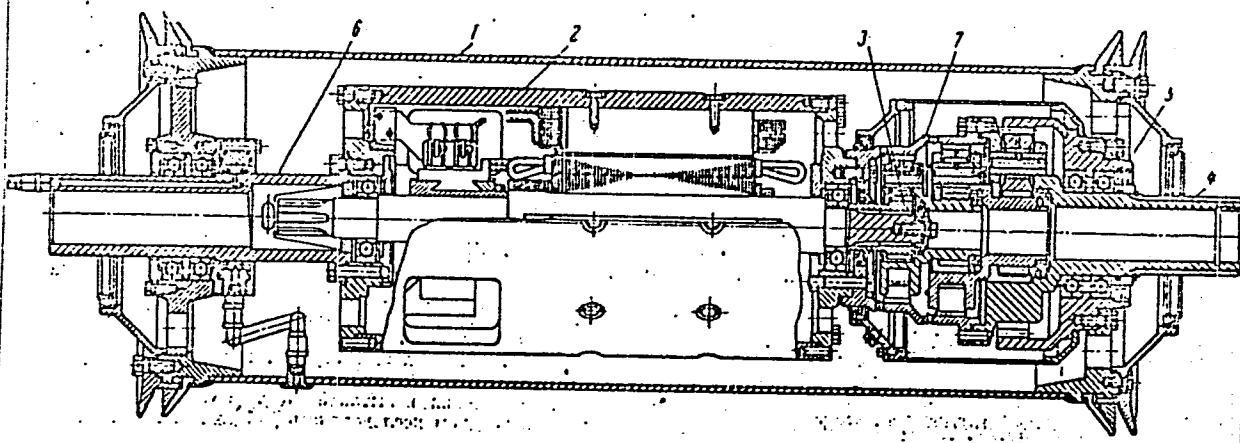
Card 1/3

UDC: 629.113-585.3

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001547820014-9

ACC NR: AP7006718



Card 2/3

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001547820014-9"

ACC NR: AP7006718

rated speed of the motor is 4000 rpm with a maximum of 6000 rpm. The unit is 238 mm in diameter and weighs 106 kg. The speed reducer has 3 rows of planetary gears with a transmission ratio of 31.2. This type of speed reducer has the lowest weight and size for a given transmission ratio and efficiency. Orig. art. has: 2 figures, 1 table, 7 formulas.

SUB CODE: 13 / SUEM DATE: None/ ORIG REF: 005

Card 3/3

SEMENDOV, V.N.

21(4) PHASE I BOOK EXPLOITATION Sov/583
International Conference on the Peaceful Uses of Atomic Energy.
2nd, Geneva, 1958.

Doklady sovetskogo uchenykh: Yadernyye reaktory i yadernaya energetika. (Reports of Soviet Scientists: Nuclear Reactors and Nuclear Power.) Moscow, Atomizdat, 1959. 707 p. (Series: Iss. 1, Treaty, vol. 2) Errata slip inserted.

General Eds.: M.A. Dollezhal, Corresponding Member, USSR Academy of Sciences and Mathematical Sciences, A.I. Leponitsky, Doctor of Physics and Mathematics, USSR Academy of Sciences; N.I. Novikov, Corresponding Member, USSR Academy of Sciences, and V.I. Purlyayev, Doctor of Physical and Mathematical Sciences; Eds.: A.P. Alyabyev, Tech. Ed., Ye. I. Mazel'.

PURPOSE: This book is intended for scientists and engineers engaged in reactor design, as well as for professors and students of higher technical schools where reactor design is taught.

COVERAGE: This is the second volume of a six-volume collection, on the peaceful uses of atomic energy. The six volumes contain the reports presented by Soviet scientists at the Second International Conference on Peaceful Uses of Atomic Energy, held from September 1 to 13, 1958, in Geneva. Volume 2 consists of three parts. The first is devoted to atomic power plants under construction in the Soviet Union; the second to experimental and research reactors; the third, to experiments carried out in theory, and the work to improve them; and the third, which is predominantly theoretical, to problems of nuclear reactor physics and construction engineers. Vol. 1, "Fission" is the science editor of this volume. See Sov/2081 for titles of all volumes of the set. References appear at the end of the articles.

Noskovoy, V.I., V.S. Dikarev, M.B. Rogozarov, and Yu. S. Saitlykov. Measuring Neutron Spectra in Uranium Water Lattices (Report No. 2152)	546
Krasin, A.K., B.D. Dubovskiy, M.M. Lantsov, Yu. Yu. Glazkov, R.E. Goncharov, A.V. Kanyav, L.A. Geraseva, V.V. Verikov, Ye. I. Inyutin, and A.P. Sitenchikov. Studying the Physical Characteristics of a Beryllium-accelerator Reactor (Report No. 2146)	555
Salemin, A.D., S.A. Masirovskaya, A.P. Rudik, Yu. G. Abov, V.P. Solntsev, and P.A. Krupchitskiy. Critical Experiment on an Experimental Heavy-water Reactor (Report No. 2050)	570
Marchuk, G.I., V.Ya. Pupko, Ye. I. Podgudina, V.V. Smirnov, I.P. Tsyurayev, S.T. Patonova, and G.I. Druzhina. Calculations in Nuclear Reactor Physics and Methods of Calculating Them (Report No. 2151)	588
Sinupkin, G.V. and A.M. Samanov. Determination of Control Rod Effectiveness in a Cylindrical Reactor (Report No. 2169)	613
Gelfand, I.M., S.M. Fenyberg, A.S. Prolov, and M.N. Chentsov. Using the Monte Carlo Method for Random Sampling for Solving the Kinetic Equation (Report No. 2141)	628
Izletin, M.I. Neutron Distribution in a Heterogeneous Medium (Report No. 2189)	634
Karamyshev, M.V., A.V. Stepanov, and F.I. Shapiro. Neutron Thermalization and Diffusion in Heavy Media (Report No. 2168)	651
Vernik, A.I., V.S. Ternakov, and A.V. Lovkov. Using the Onsager Theory for Studying Neutron Diffusion in the Absorbing Media of Nuclear Reactors (Report No. 2224)	668
Brodr, D.L., S.M. Murich, A.A. Buturov, V.Y. Levin, and V.V. Grilov. Studying the Spatial and Energy Distribution of Neutrons in Different Media (Report No. 2117)	674
Mitrikov, A.N. Burni Substitution Chambers for Work in Nuclear Reactors (Report No. 2081)	690
Kartash, V.A. and S.A. Ulybin. Experimental Determination of Specific Volume of Heavy Water in a Wide Temperature and Pressure Range (Report No. 2171)	696
	..

SEMELEV, V.N.

A 150-horsepower tugboat with a water-jet engine. Biul.
tekhn.-ekon.inform. no.3:58-60 '60. (MIRA 13:6)
(Tugboats)

NIKOLAYEV, I.G., inzh.; SEMENOV, V.N., inzh.

Eliminating the defects in the operation of the VPT-25-3 turbine.
Energetik 8 no.6:19-20 Je '60. (MIRA 13:7)
(Steam turbines--Maintenance and repair)

SELENCV, V. N.

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1956

SAMOVSLUZHIVANIYE V STOLOVNIKH (COST OF PRODUCTION AND QUESTIONS OF CALCULATION IN USSR INDUSTRY, BY) V. A. VEBER I V. N. SELENCV. 2. IZD. PERSR. I NOP. MOSKVA, GOSSTORIZDAT, 1956. 54 p. ILLUS., DIAGRS., TABLES.

SEmenov, Viktor Nilovich; VAGANOVA, N.A., red.; MAMONTOVA, N.N., tekhn.
red.

[Organization of production in public eating establishments;
lectures for students of the technology departments of commercial
institutions of higher learning] Organizatsiia proizvodstva pred-
priiatii obshchesvennogo pitaniia; lektsii dlia studentov tekhnico-
logicheskikh fakul'tetov torgovykh vuzov. Moskva, Gos. izd-vo
torg. lit-ry, 1961. 84 p. (MIRA 14:7)

(Food industry--Equipment and supplies)
(Restaurants, lunchrooms, etc.)

SEMENOV, Viktor Nikolayevich; MOTOV, S., otv. red.

[Business accounting and state-farm finance] Khoziaistvennyi raschet i finansy sovkhozov. Moskva, Izd-vo "Finansy," 1964. 245 p.

(MIRA 17:8)

DMITRIYEV, A.S.; SEMENOV, V.N.

Specific features of the formation and establishment of conditioned motor-food reflexes to time in rabbits. Nauch. dokl. vys. shkoly; biol. nauki no.1:68-74 '60. (MIRA 13:2)

1. Rekomendovana kafedroy fiziologii cheloveka i zhivotnykh Bashkirskogo gosudarstvennogo universiteta.

(CONDITIONED RESPONSE)

DMITRIYEV, A.S.; SEMENOV, V.N.

Age-related characteristics of conditioned reflexes to time.
Zhur. vys. nerv. deiat. 11 no.4:723-729 Jl-Ag '61. (MIRA 15:2)

1. Chair of Human and Animal Physiology, Bashkirian University, Ufa.
(CONDITIONED RESPONSE)

SEMENOV, V.N.

Transplantation of the cadaveric skin in children. *Khirurgia*
no.8:68-71 Ag '61. (MIRA 15:5)

1. Iz kliniki khirurgii detskogo vozrasta (zav. -- prof. A.F.
Zverev) Sverdlovskogo meditsinskogo instituta.
(SKIN GRAFTING)

USVATOVA, I.Ya.; SEMENOV, V.N.

Method of inducing myocardial infarct in a chronic experiment. Biul. eksp. biol. i med. 54 no.12:108-110 D'62.

(MIRA 16:6)

1. Iz kafedry gospital'noy terapii (zav. - deyativitel'nyy chlen AMN SSSR A.L.Myasnikov) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova. Predstavlena deyativitel'nym chlenom AMN SSSR A.L.Myasnikovym.

(HEART—INFARCTION)

SEMELEV, V.N.

Restoration of vital functions in animals with experimental myocardial infarct. Biul. eksp. biol. i med. 56 no.11:44-47
0 [i.e. N] '63. (MIRA 17:11)

1. Iz laboratorii eksperimental'noy fiziologii po ozhivleniyu organizma (zav. - prof. V.A. Negovskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.V. Parinym.

LESNYAK, R.V.; SEMENOV, V.N.

Materials on the absolute age of rocks of Chita Province. Mat.
po geol. i pol. iskop. Chit. obl. no. l:83-107 '63.
(MIRA 17:6)

SEMENOV, V.N.

Germanium as a possible indicator of the genetic features of iron ore
deposits. Mat. po geol. i pol. iskop. Kras. kraia no. 3:181-185 '62.
(MIRA 17:2)

DRAGOVIC, V.M. - Radov, V.V.

Improving the circulation of the heart and means to control
potassium balance during complicating the course of acute
myocardial infarction. Sov. Med. 28 No. 3 1975 p. 7 N 115.

MIRA 1313

Laboratoriya eksperimental'noy fiziologii po oznicheniyu
organizma. zav. - prof. V.A. Negovanskij. AMN FSSR, Minsk.

BLINNIK, L.B.; SEMENOV, V.N.

Using high-strength cast iron in the manufacture of machine tools.
Stan. i instr. 27 no.12:25-27 D '56. (MLRA 10:2)
(Machine tools--Construction) (Cast iron)

BLINNIK, L.B.; SEMEONOV, V.N.

Use of high-grade cast iron in machine-tool manufacture. Stan.1
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1. Yaroslavskiy zavod sinteticheskogo kauchuka.

OSIPOVICH, F.A.; SEMENOV, V.N.

Using synthetic materials and plastics in river fleet. Byul.
tekhn.-ekon. inform. Gos. nauch.-issl. nauch. i tekhn. inform.
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(Cement--Transportation)

SEMELEV, V.N., inzh.

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L 57745-65 EWT(d)/EWT(1)/EWA(j)/EWT(m)/EWP(w)/ENG(s)-2/ENG(v)/EMP(v)/T-2/EWP(k)/
EWA(h) Pe-5/Pf-4/Pw-4/Pz-6/Pab WW/EM

ACCESSION NR: AP5016781

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629.13.01.015

AUTHOR: Semencv, V. N.; Altukhov, V. D.; Kutepov, M. A.

TITLE: Landing-gear force lock. Class 62, No. 171270

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 10, 1965, 116

TOPIC TAGS: landing gear lock, landing gear

ABSTRACT: An Author Certificate has been issued for a landing-gear force lock consisting of a catch, a bushing, stops, and springs. To increase reliability and carrying capacity, the stops are of varying length and are locked by spring-loaded hinged connectors. The catch jaw has a flat surface which provides increased contact area with a flat on the self-orienting bushing (see Fig. 1 of the Enclosure). [LB]

Orig. art. has: 1 figure.

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